## Timely Hints about Building.

either in the mode of building or in the arrangement of the interior. Where one has little or no experience in building, it is the house at a heavy expense.

will, in most cases, make a reduction of 15 this unparalleled majesty of cedar was a to 25 per cent. on what they would charge you, if obliged to force the job through. Have your plans well matured, for rest assured you will have to pay double for all on the outer surface next to the bark the hills, gradually ascending, the remainder of the distance, until you reach the mainder of the distance and you will be a supplied to force the plant the mainder of the mainder o

The latter part of January and early part to San Francisco. of February, is perhaps the best time in the At San Francisco, only about fifty miles ufacturing villages of the Atlantic States. year to get out timber for building, both as from the place of its growth, it was the With the number of furnaces in operation, regards the quality of all timber trees, or the greatest curiosity ever exhibited. The whole in 1851, from one hundred and seventy-five convenience of farmers and others. Experi- city of men, women and children flocked to to two hundred hands were constantly emence proves that timber felled at this season see it. One hundred men could easily stand ployed. Over \$300,000 were expended by will resist decay twice as long as if cut in inside the hollow at the same time, and a the company in the preparations necessary March or any other month. Have your six foot man rode a full sized horse through prior to the commencement of remunerating floor joists well seasoned. Most people it without touching his hat to the upper operations. The current expenses were then surface. The great curiosity is to be exhibited in this city for a short time before its quicksilver about 7,500 pounds for the same and leave a large crack between the floor and baseboard. If you build of bricks, they should be laid wet, and the mortar should! be thin, which will cause it to adhere will keep for years without changing, may strongly to the bricks, and give an eight inch be made by placing in a glazed vessel a quart wall as much solidity as one a foot thick of water and about 3 lbs of hard glue. This tion to construct a railway to perform the where the bricks are laid dry. Brick walls is to be melted over a gentle fire in a glueshould be laid hollow, (a hollow space be-tween the outside and inside courses,) or the glue is melted, drop in gradually a small they should be firred and lathed; otherwise dampness is sure to find its way into the will take place. The vessel is to be taken rooms, rendering them disagreeable and un- off the fire and allowed to cool. Liquid healthy. If firred, pieces of lath should be laid in the courses of brick-work, to nail the firring strips to, instead of blocks of without any change. It will be useful for having been broken in small pieces, is scantling which will shrink and become many trades, where a strong glue is required, loose, while the other becomes firmer as the without the trouble of melting.

think that these things belong wholly to have rushed to get introductions to him.

mechanics to know, but not so; every one Masters of the art of building are as rare as rare as genius. It has been said, truly enough, barn, a stable, should make himself familiar that though a man should build for himself with the details, that he may detect any

## The Mammoth Tree from California.

better way to contract with some competent mechanic to furnish a full plan, with specifications &c., covering everything, which will show at a glance whether you are to is nothing more nor less than a section of the Santa Clara Valley. Here nature is Almaden, sixteen miles north of Seville in have a comfortable dwelling or barely a wall the great California tree; the largest single surpassingly lovely. The fine natural road Spain, which is the finest that exists with and roof shelter. The cause of so many errors in building houses, lies in the want of suitable plans, and the haste with which we build. We form plans and build, as though a house was a thing of a day, and roots extended in all directions for more than ered in its robe of richest green, sometimes them not to endure for two hundred years, and fifty rods upon the hillside, and downwards dotted with great herds of wild cattle, and serve the purposes of a human habitation—
as it should be. Every generation, therefore, it was 88 feet, and 10 feet above 66 feet, and it was 88 feet, and it was Never build in a hurry. Get everything and symmetrical upwards for 325 feet to its allel in any other country on the face of the to those who seek restored health and enerin readiness and then give your mechanics very top. From actual estimate of its anu-globe. time. They will do their work better, and al layers, it is more than 3,000 years since About ten miles from San Jose, the road pleasant as any of the medicinal springs of

extra jobs. Whoever looks to economy, more than to outside show, or wishes a trunk were about the same as the Bunker sioner in traveling through this region, found improvements now in process in getting the large amount of inside room for a small sum Hill monument. From actual measure- considerable quantities of cinnabar in the ore and extracting the metal shall be comof money, should build a square house; as ment it contains more than three hundred hands of the Indians, who dug it up for the pleted, these two mines will furnish sufficithat form gives a much larger amount of cords of wood. A vast deal of labor was beautiful vermillion which it contains in inside room for its outside wall than any required to level such a mountain of wood large proportions, and which was extensive world, and be a never-failing source of other. Let us illustrate this: A house 100 to the earth, and after almost incredible ly used by the savages in coloring their faces. wealth to the proprietors and their descendfeet long by one foot in width, requires 202 toiling with augurs, axes and saws at its feet of wall, and gives 100 square feet of infoot, it finally fell prostrate; the crash can quainted with the appearance of precious side room; make it 2 feet wide and you neither be imagined nor described, the jar of ores, but was attracted by the brilliance of The following originals. double the inside room, while you can only the hill was perceived for miles, as if an add 2 feet of outside wall. Here is one foot earthquake had passed that way. The base which were shown him, and supposing it to add 2 feet of outside wall. Here is one foot of room for each foot of wall. Make it fifty feet wide, and you have 5000 feet of inside room, or nearly 17 feet of inside room for one of wall. So it advances till you reach the square, which gives more inside room for its wall than any other quadrangle form. This is something worth thinking about, for while in the first case you would have to build 202 feet of wall and only get 100 square feet of room, in the latter you would only build 300 feet of wall and get 5,000 square feet of room; and if 100 square feet of room; an 5,000 square feet of room; and if 100 square finally bored through the centre, the earth run in veins; on the contrary, the hills in feet was all the room you wanted, you was dug away from one end, and a fire built would get it by building a house 10 feet square, making 40 feet of wall, and save 162 feet of wall,—or more than three-fourths good chimney, which was grandually developed by the action of the fire until the men in veins; on the contrary, the mins in which the shafts have been sunk, seem to be great masses of cinnabar. If the metal does lay in veins, neither their depth or width have yet been ascertained, although oned by the action of the fire until the men improve quantities of the ore large been sunk, seem to be great masses of cinnabar. If the metal does lay in veins, neither their depth or width have yet been ascertained, although oned by the action of the fire until the men improve quantities of the ore large. of the expense for this part of your house, oped by the action of the fire until the men immense quantities of the ore have been new act of our government of the institu-We request particular attention to this state- could work inside with their axes. In this brought to the surface. ment, for it is a part of the subject which manner it was excavated to within two feet | The works are situated in a little valley escapes the notice of builders generally.—
The shape of your house simply, if large, may make several hundred dollars difference in the expense.

The works are situated in a little valley at the foot of the hills which contain the treasure, and the buildings for furnaces, the offices, stables, and residences of the operatives, altogether form a prosperous village, at the North Church, in Concord, June 5, 1845, as reportively at the foot of the hills which contain the treasure, and the buildings for furnaces, the offices, stables, and residences of the operatives, altogether form a prosperous village, at the North Church, in Concord, June 5, 1845, as reportively at the foot of the hills which contain the treasure, and the buildings for furnaces, the treasure, and the buildings for furnaces, the treasure, and the operative of the

LIQUID GLUE .- A strong liquid glue, that

To prevent plaster cracks in the corners The Rev. Eleazer Williams, the "Bour- al in the form of vapor. The vapor passes ment, was attired in a splendid dress of satof the rooms, have the firring strips nailed bon," that some persons suppose to be among through a retort and condenser, and is then in tissue, over which was a robe of crimson firmly together before being put up, and then us, is on a visit to Washington, where he is strongly nailed to the walls. Some may quite a "lion." The fair and fashionable this simple process is one of the wonders of mine, and she wore a brilliant tiara of pearls

## The Almaden Quicksilver Mines.

twenty houses, he would find before the attempt on the part of mechanics to slight last is finished, that he had made some error, their work.—[Farmer's Companion.] their work.—[Farmer's Companion.] the had made some error, their work.—[Farmer's Companion.] are situated in the bosom of the hills which vermillion and dross, upon the wings of a hem in the Santa Clara Valley, upon the vapor. Surely the great laboratory of Na-The clipper ship Messenger, which recent- east, at a distance of about twelve miles ture presents nothing which evidences more the tapering of the shaft was very gradual those rich stores which have not their par- not will prove a Saratoga, in future years,

resembling, in a measure, some of the manbeing made, which would treble the produce of the mines.

The cinnabar was brought down from the duty, and thus effect a great saving. Large and improved furnaces were in progress of construction; and in every department, no capital or labor is spared necessary to se-

thrown into the cylinder, and subjected to an almost white heat, which expels the metnature. When we consider the great weight and diamonds.

of quicksilver, and remember that its speci-

Within the company's grounds, and by gies at its fount. The water is quite as

ent quicksilver for the use of the whole

Former Opinions of President Pierce.

The following opinions, formerly held by President Pierce will be read with some interest at the present crisis:

"He had only to say now what he had always said, that he regarded slavery as one of the greatest moral and social evils—a curse upon the whole country—and this he believed to be the sentiment of all men, of all parties, at the north."

"He was free to admit that he had himself approached this subject of annexation (of Texas) with all his prejudices and prepossessions against it, and on one ground ulone -its slavery feature. His convictions on this tion of domestic slavery, and he had found it extremely difficult to bring his mind to a ed in the New Hampshire Patriot of June 12, 1845.

"The democracy of the north never did endorse the doctrine (of Cass's Nicholson letter) and they never will. The democracy of this state are unanimous in the opinion, so far as we know, that congress has and should exercise the power and exclude slavery from California and New Mexico."--[N. H. Patriot, July 27th, 1849.

"I would take the ground of the non-extension of slavery—that slavery should not become stronger. But congress have only re-enacted the old law of 1793. Union loving men, desiring peace and loving their country, conceded that point-unwillingly conceded it, and planting themselves upon this law against this outburst of popular feeling, resisted the agitation which is assaulting all who stand up for their country. But the gentleman says the law is obnoxious! What single thing is there connected with cure the benefits arising from experience, or slavery that is not obnoxious? Even the gentleman from Marlboro' (Dr. Batcheller, convention, Jan. 1, 1851,

Queen Victoria, at the opening of parlia-